

**In the Claims:** (strikethrough parts deleted and underlined parts added)

**Please delete Claims ~~XXX~~ without prejudice.**

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

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10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Canceled)

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15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Previously Added) A biomass gasification system, comprising:

a primary combustion chamber;

a secondary combustion chamber fluidly connected to said primary combustion chamber;

and

a silica collector positioned at a bottom of said secondary combustion chamber for collecting liquid silica.

22. (Previously Added) The biomass gasification system of Claim 21, wherein said silica collector is comprised of a container.

23. (Previously Added) The biomass gasification system of Claim 21, wherein said silica collector is comprised of a cart.

24. (Previously Added) The biomass gasification system of Claim 21, including a volume of liquid within said silica collector.

25. (Previously Added) A method of operating a biomass gasification system, said method comprising the steps of:

feeding a volume of biomass into a primary combustion chamber;

combusting said biomass within said primary combustion chamber resulting in producer gas;

combusting said producer gas within a secondary combustion chamber fluidly connected to said primary combustion chamber; and

collecting a volume of silica at a bottom of said secondary combustion chamber.

26. (Previously Added) The method of operating a biomass gasification system of Claim 25, wherein said step of collecting a volume of silica is comprised of collecting said volume of silica within a silica collector positioned approximately at a bottom of said secondary combustion chamber.